International Conference on Ultrafast Optical Science

UltrafastLight–2018

Conference program

	1 October, Monday		
08:30+	**Registration**		
	Plenary Session [Conference Hall]		
09:30-10:00	**Foreword**		
10:00-10:45	**Vitaly Konov** "Laser nanoablation – a novel technique for precise structuring and functionalization of diamond"		
10:45-11:30	**Stelios Tzortzakis** "Molded filaments and applications"		
11:30-12:00	**Coffee Break**		
	Section 1. Radiation and nuclear photonics at high fields. [Conference Hall]	**Section 3. Ultrafast laser nanofabrication and nanophotonics [Conference Hall of Quantum Radio Physics Division]**	**Section 4. Femtosecond non-linear optics. Filamentation. High field THz generation. [Hall of Columns]**
	Session chair: V.Makla	**Session chair: P.Melentiev**	**Session chair: L.Seleznev**
12:00 - 12:30	**B. Hegelich** Quantum Effects in Extreme Fields - Ultrahigh Intensity Physics with Ultrafast Lasers	**I. Staude** Active and nonlinear semiconductor metasurface	**A. Houard** Improving supersonic flights with laser filamentation
12:30 – 13:00	**N.Andreev** High energy electrons in relativistic laser-plasma interaction	**M. Tribelsky** Non-steady effects in resonant scattering of ultrashort laser pulses	**P. Polynkin** Harmonic generation in mid-infrared laser filaments in gases
13:00 - 13:15	**M. Starodubtsev** Experimental studies on plasma physics and	**V. Zubyuk** Controllable reflection of direct-gap semiconductor metasurfaces	**O. Kosareva** Nonlinear transparency window for mid-infrared femtosecond pulse in air

13:15 - 13:30	particle acceleration on PEARL facility		**E. Smetanina** Modeling femtosecond laser-induced electron dynamics in dielectrics by means of Optical Bloch Equations
13:00-15:00	**Lunch**		
	Session chair: P.Thirolf	**Session chair: V.Temnov**	**Session chair: O.Kosareva**
15:00 - 15:30	**K. Spohr** Harvesting Ultra-Fast Phenomena with the 10 PW Laser System at ELI-NP	**G. Miyaji** Controlling of plasmon damping on nonmetallic gratings excited with intense femtosecond laser pulses	**A. Demircan** Two-color Femtosecond Soliton Bound States
15:30 - 16:00	**K. Ivanov** Optimization of laser-plasma coupling at relativistic femtosecond interaction with solids for enhanced hot particles and high energy radiation production	**A. Kovacevic** Inducing LIPSS by multi-pass and cross-directional scanning of femtosecond beam over surface of thin metal films	**L. Arantchouk** Experimental study of guided discharge initiated by femtosecond laser filamentation having 10-100cm length and -ms scale duration filamentation of 10-100cm length and 1-ms duration
16:00 - 16:15	**S. Pikuz** X-ray radiation properties of plasma under interaction of femtosecond laser pulses with ~ 10^22 W/cm^2 intensities	**S. Kudryashov** Manipulation of surface plasmon resonances: optical and material aspects	**A. Zemlyanov** Control of Multiple Filamentation of TW IR radiation propagating along an air path by means of a deformable mirror
16:15 - 16:30			**D. Mokrousova** The influence of air humidity on the ultrashort pulses filamentation

16:30 - 16:45	**A. Korzhimanov** Scalings of sheath-acceleration of protons driven by ultra-intense subpicosecond laser pulses	**L. Nguyen** Large-scale laser fabrication of anti-fouling Si surface nanosheet arrays via nanoplasmonic ablative self-organization in liquid CS2 tracked by sulfur dopant	**D. Pushkarev** Femtosecond laser superfilamentation under various focusing conditions
16:45 - 17:00	**S. Bochkarev** Stochastic electron heating in combined field of several overlapping laser pulses of picosecond duration	**V. Koval** Synthesis of periodical strcutures in Ag-doped sol-gel films by interference of picosecond laser pulses	**N. Panov** Third harmonic generation from regularized superfilament
17:00-17:30	**Coffee Break**		
	Session chair: A.Pukhov	**Session chair: S.Kudryashov**	**Session chair: V.Fedorov**
17:30 - 17:45	**P. Sasorov** Laser-plasma manipulation for achieving of femtosecond laser beam transportation of high performance	**C. Rehbock** Nanoparticles fabricated by pulsed laser ablation in liquids and their applications in biomedicine	**S. Stremoukhov** Quantum-mechanical elaboration for the description of low- and high-order harmonics generated in extended gas media
17:45 - 18:00			**V. Gorelik** Multifrequency Stimulated Raman Scattering in condensed media under ultrafast laser excitation
18:00 - 18:15	**S. Rykovanov** Narrowband Compton scattering sources at high laser intensities	**V. Timoshenko** Silicon-based nanomaterials for biophotonics	**K. Dolgikh** Suitable input conditions for femtosecond pulse tight focusing into dense medium
18:15 - 18:30			**A. Shutov** Three body attachment of electrons in humid air

18:30 - 18:45	**I. Kostyukov** Electron acceleration and gamma-ray emission at intense laser–solid interaction	**D. Shuleiko** Fabrication of silicon nanoparticles by pulsed laser ablation of porous silicon in liquids	**Ya. Grudtsyn** Four-photon absorption measurements in fused silica at 480 nm
18:45 - 19:00		**I. Saraeva** Laser ablation thresholds of metals and semiconductors in air and liquid media during fs/ps laser micromachining	**I. Nikolaeva** Geometric-optics correction of initial conditions for non-paraxial propagation equations
19:00 - 19:15	**P. Korneev** Magnetized plasma structures production by intense laser radiation	**J. Sladek** Periodic surface structuring of fused silica and ULE glass using femtosecond laser pulses **Ya. Andreeva** Single-shot laser-induced formation of nanoparticles from thin silver films submerged in various liquids **M. Zhilnikova** Laser-assisted generation of elongated Au nanoparticles and analysis of their morphology under pulsed irradiation in water and CaCl2 solutions	**V. Pankratov** Acoustic signal for femtosecond filament plasma grating characterization in air
19:15 - 19:30	**V. Tcheremiskine** Effect of the Pre-Plasma Density Profile on the Molybdenum K-Alpha X-Ray Emission Generated by an Intense Femtosecond Laser Pulse	**A. Nastulyavichus** Preparation of bimetallic nanoparticles by laser ablation **A. Ivanova** Fabrication of hybrid Si-Au nanoparticles by nanosecond laser ablation **E. Ageev** TBA	

	2 October, Tuesday			
08:30 +	**Registration**			
	Plenary Session [Conference Hall]			
09:15-10:00	**Peter Thirolf** Perspectives for high-power laser-driven nuclear physics			
10:00-10:45	**Victor Malka** Manipulating relativistic electrons with lasers: Towards compact plasma accelerators			
10:45-11:30	**Dag Schmidt** State of the art precision metrology with Ultra-low-noise Optical Frequency Combs			
11:30-12:00	**Coffee Break**			
	Section 1. Radiation and nuclear photonics at high fields. [Conference Hall]	**Section 2. Ultrafast phenomena in condensed matter and ionized gases [Hall of Columns]**	**Section 3. Ultrafast laser nanofabrication and nanophotonics [Conference Hall of Quantum Radio Physics Division]**	**Section 7. Femtosecond radiation in spectroscopy and optical frequency metrology [HALL TBA]**
	Session chair: K.Spohr	**Session chair: C.Focsa**	**Session chair: H.Giessen**	**Session chair:**
12:00 - 12:15	**A. Pukhov** Ultra-high energy density plasmas using nanostructured plasmas	**V. Krainov** High-Harmonic Generation of Atoms and Atomic Ions Near Cut off	**A. Porfirev** Design of diffractive optical elements for laser fabrication of u-shaped element arrays	**M. Katsuragawa** Tailored nonlinear optical frequency conversion - toward high resolution spectroscopy in the vacuum ultraviolet wavelength region
12:15 - 12:30			**S. Khonina** Tighter focus for ultrashort pulse vector light beams	

12:30 – 13:00	**V. Bychenkov** Laser-triggered charged particles acceleration for nuclear and gamma sources	**A. Santagata** Laser Induced Breakdown Spectroscopy Principles and Ultrashort Pulses' Effects	**T. Omatsu** Structured Materials by Ultrafast Vortex Pulses Illumination	**M. Musha**, Optical frequency comb applications for large missions
13:00 - 13:15	**A. Kim** Dense e+e- plasma generation in extreme laser fields	**A.Romanov** High-Order Harmonic Generation by Multielectron Atoms in Intense Ultrashort Laser Fields	**A. Kuchmizhak** Ultrafast laser nanofabrication of advanced nanophotonic structures	**A. Tomura**, Arbitrary optical waveform at 125THz repetition rate and its application to ultrafast phenomena
13:15 - 13:30		**I. Khairulin** Attosecond Pulse Formation in Active Medium of a Plasma-Based X-Ray Laser, Dresssed by a Strong Optical Field: Analisis and Optimization		**D. Tregubov,** Generation of ultrashort pulses by arbitrary manipulating amplitudes and phases
13:30-15:00	**Lunch**			
	Session chair: I.Kostyukov	**Session chair: A.Santagata**	**Session chair: F.Courvoisier**	**Session chair:**
15:00 - 15:30	**A. Andreev** Efficient generation of attopulses at the interaction of intense laser radiation with the shaped targets	**C. Focsa** Plume Splitting and Oscillatory Behavior in Transient Plasmas Generated by High-Fluence Laser Ablation in Vacuum	**Y. Nakata** Nanostructures in lattice fabricated by interference laser processing technique	**P. Maslowski,** Broadband absorption and dispersion spectroscopy with optical frequency comb

15:30 - 16:00	**G.Gospodinov, D.Gozhev, Y.Kochetkov, I.Mordvintsev, V.Prokudin, A.Sen'kevich, E.Filippov**	**V. Strelkov** Role of Continuous Quasi-Stable States in High-Order Harmonic Generation.Resonance-Induced Modification of Harmonic Spectrum and Phase-Locking	**F. Zacharatos** Laser direct printing of nanomaterials for flexible electronic components and sensors	**A. Matveev,** Direct Frequency Comb Two-photon Spectroscopy and The Proton Radius Puzzle
16:00 - 16:15		**I. Babushkin** Signatures of Attosecond-Scale Electron Dynamics in Terahertz and Higher Order Brunel Harmonics.	**O. Vitrik** Laser-structured polytetrafluoroethylene superhydrophobic surfaces as a basis of molecular transport system for sers-analyzers of ultra-small analyte concentrations	**A. Voloshin,** Kerr combs and solitons from regular diode lasers
16:15 - 16:30		**S. Kuznetsov** Generation of Sub-Femtosecond Electron Bunches Upon Laser Pulse Propagation Through a Sharp Plasma Boundary		**D. Shepelev,** Femtosecond Laser Synthesizer for Methane Reference Oscillator
16:30 - 16:45	**D.Gorlova, A.Martynenko, S.Makarov, S.Ryazantsev, S.Barzegar**	**V. Grishkov** Generation of Plasma Waves by a Femtosecond Pulse of Focused Laser Radiation	**P. Danilov** High-precision direct laser processing of plasmonic films by structured laser beam	**I. Zalivako,** Yb:KYW frequency comb for precision spectroscopy of 1s-2s transition in He+
16:45 - 17:00		**K. Vagin** High-Frequency Longitudinal Waves in Plasma Generated by Multiphoton Ionization of Gas Atoms by a Short Laser Pulse	**S. Pokrovskii** Femtosecond laser fabrication of topological structures in high-Tc superconducting composites	**E. Fedorova,** Characterization of 1.14 m clock laser by Ti:Sa femtosecond frequency comb

17:00 - 17:05		**T. Mamontova** Dispersion Law and Damping of Electronic High-Frequency Waves in Plasma, Formed by the Tunnel Ionization of Atoms		
17:00-17:30	**Coffee Break**			
		Session chair:	**Session chair: D.Ivanov**	
17:30 – 18:00	**Posters**	**A. Popov** New Approach To the Problem of Thz Generation in High-Intensity Laser Field	**B. Gakovic** Modification of Ti/Zr multilayer by femtosecond laser pulses	
18:00 - 18:15		**A. Savel'ev** Self-Induced Transparency of Intense Few-Cycle Terahertz Pulses in N-Doped Silicon	**N. Polushkin** Phase-change magnetic memory by ultrafast laser patterning of Fe-Al alloys	
18:15 - 18:30			**A. Afanasiev** The effect of delay time between the pulses of different frequencies in surface nanopatterning by two-colored femtosecond pulses	

18:30 - 18:45			**D. Ganin** Heterochain thermostable polymers for the formation of optical elements	
18:45 - 19:00		**I. Oladyshkin** Role of Surface Plasmons in Laser-Induced Thz Generation From Metals	**Ya. Golubev** The dynamics of laser ablation thresholds of aluminum and steel during double-pulse laser action **N. Smirnov** One-pulse micro-ablation of steel by ultrashort laser pulses of variable duration **M. Moskvin** Laser-induced coloration of metals surface	
19:00 - 19:15		**A. Frolov** Dipole Structure of Terahertz Radiation in the Interaction of a Laser Pulse with Clusters	**R. Yatsuk** Laser-assisted modification of Ti-6Al–4V titanium alloy surface for implantology applications **S. Umanskaya** Femtosecond laser nanopatterning of thin films at radial and azimuthal polarizations	
19:15 - 19:30		**S. Bezhanov** Nonlinear Transmission and Reflection of a Strong Terahertz Pulse by a Metal Film		
19:30 – 19:35		**N. Gnezdovskaya** Generation and Amplification of Thz Radiation in Plasma Channel Formed in Gas by High-Intensity Laser Field		

	3 October, Wednesday		
	Plenary Session [Conference Hall]		
09:15-10:00	**Serim Ilday** "Ultrafast laser-driven self-assembly and self-organization far from equilibrium"		
10:00-10:45	**Harald Giessen** "Marriage of nano- and micro-optics"		
10:45-11:30	**Hong-Bo Sun** "Optoelectronic applications of ultrafast lasers"		
11:30-12:00	**Coffee Break**		
	Section 2. Ultrafast phenomena in condensed matter and ionized gases. [Hall of Columns]	**Section 3. Ultrafast laser nanofabrication and nanophotonics [Conference Hall of Quantum Radio Physics Division]**	**Section 4. Femtosecond non-linear optics. Filamentation [Conference Hall]**
	Session chair: E.Gurevich	**Session chair: G.Miyaji**	**Session chair: A.Zemlyanov**
12:00 - 12:30	**B. Rethfeld** Relaxation Dynamics of Nonequilibrium Electrons in Laser-Excited Solids	**P. Melentiev** Nanoscale spatial and femtoscale temporal characterization of laser pulses	**A. Shkurinov** Terahertz wave generation from liquid gas
12:30 - 12:45	**V. Gruzdev** Cycle-Averaged Effects in Ultrafast High-Intensity Laser Interaction with Electrons of Wide-Band-Gap Solids: the Approximation of Low Collision Rate	**V. Temnov** Ultrafast magneto-elastic interactions at the nano-scale	**V. Fedorov** THz generation by two-color filamentation at different wavelengths
12:45 - 13:00			**P. Sverbil** Second and third harmonics generation in photonic crystals under femtosecond laser excitation

13:00 - 13:15	**S. Ashitkov** The Behavior of Metals Under Ultrafast Loading Driven by Femtosecond Laser	**A. Musorin** Ultrafast dynamics of magneto-optical effects in nanostructured media with artificial dispersion	**A. Garmatina** Enhancing x-ray generation under interaction of chirped pulse induced filament with solids placed in air
13:15 - 13:30	**S. Romashevskiy** Layer-By-Layer Modification of Thin-Film Metal–Semiconductor Multilayers with Ultrashort Laser Pulses	**P. Terekhin** The role of surface plasmon-polaritons in laser processing and heating of solids	**A. Shugurov** Nonellipsometric electro-optic sampling of terahertz pulses in GaAs
13:30-15:00	**Lunch**		
	Session chair: V.Gruzdev	**Session chair: G.Tsibidis**	**Session chair: A.Shkurinov**
15:00 - 15:15	**N. Inogamov** Laser Action on Bulk or Thin Targets: Duration Effects	**F. Courvoisier** Processing dielectrics with controlled cracks from elliptical Bessel beams	**E. Mareev** Photoacoustic imaging of femtosecond filament in water
15:15 - 15:30			**E. Mareev** Nonlinear optical properties of CO2 and Xe in sub- and supercritical states: anomalous behavior of nonlinear refraction index and supercontinuum generation
15:30 - 15:45	**E. Gurevich** Role of Hydrodynamic Mechanisms in Formation of Laser-Induced Periodic Surface Structures	**V. Veiko** 3D-laser densification of porous glass: mechanisms and applications	**E. Mitina** Acoustic diagnostics of multiple and superfilamentation under different crossing angles between separate filaments
15:45 - 16:00			**A. Murzanev** Ionization and explosion of a spherical water droplet in air by femtosecond laser radiation at intensities of the order of magnitude achieved at laser filamentation

16:00 - 16:15	**K. Migdal** Transport and Optical Properties of Noble Metals At Two-Temperature State	**N. Sanner** Ultrashort laser ablation of dielectrics	**A. Murzanev** The laser plasma filament in the air visualization by the nonlinear phase contrast imaging using Kerr nonlinearity of the fused silica
16:15 - 16:30			**S. Sychugin** Quasistatic fields propagating ahead of ultrashort laser pulses in electro-optic crystals
16:30 - 16:45	**K. Hlinomaz** Numerical Modeling of Energy Relaxation in Molybdenum Thin Films on Soda-Lime Glass Upon Irradiation by Picosecond Laser Pulses	**I. Moiseev** Writing of crystalline tracks in glass by Laguerre-Gaussian femtosecond laser beam	**L. Golovan** Nonlinear-Optical Anisotropy in Silicon Nanowire Ensembles
16:45 - 17:00		**M. Smayev** Femtosecond laser direct writing of depressed cladding waveguide in tellurite glass	**E. Martynovich** Highly nonlinear volumetric photographic fluorescent materials
17:00 – 17:15		**R. Zakoldaev** 3D-laser densification of porous glass: mechanisms and possible applications	**I. Laryushin** Generation of terahertz radiation by two-color femtosecond ionizing pulses with arbitrary polarizations of components
17:00-17:30	**Coffee Break**		
	Session chair:	**Session chair: I.Staude**	
17:30 - 17:45	**L. Mazov** Femtosecond Relaxation Dynamics of Hot Electrons in High		

17:45 - 18:00	Temperature Cuprate Superconductors	**G. Tsibidis** Periodic Structure Formation on Dielectrics After Irradiation with ultrashort Pulsed Lasers	
18:00 - 18:15	**P. Kartsev** Evolution of Nonequilibrium State of the High-Temperature Superconductor After Femtosecond Laser Pulse, Studied with Numerical Simulation		
18:15 - 18:30	**S. Gudkov** The Role of Nanoparticles in Optical Breakdown of Liquids: Impact on the Main Parameters of Plasma and Sound, Values of Radiation-Chemical Yield of Stable and Radical Photolysis Products	**D. Ivanov** Modelling of short laser pulse nanostructuring of metals in different media	
18:30 - 18:45			
18:45 - 19:00		**N. Busleev** Numerical modeling of electromagnetic response of Si nanosheets covered by plasmonic layers	

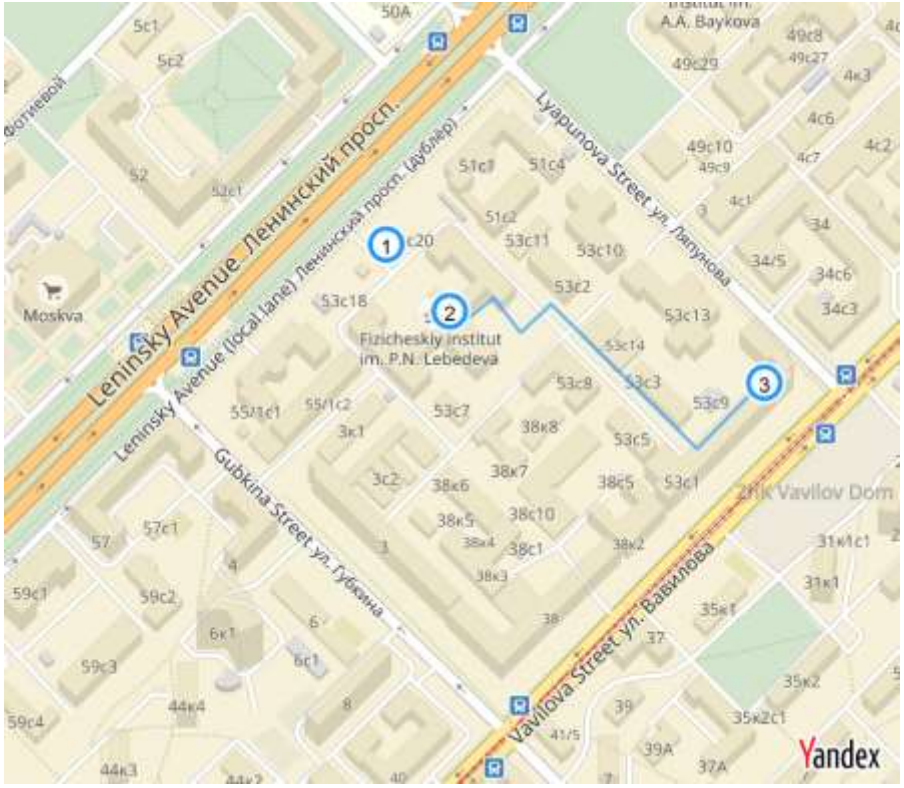
	4 October, Thursday			
	Plenary Session [Conference Hall]			
09:15-10:00	**Majed Chergui** Ultrafast X-ray and optical studies of materials and molecular system			
10:00-10:45	**Uwe Morgner** Parametric Amplification of Few-cycle Optical Pulses			
10:45-11:15	Coffee Break			
	Section 1. Radiation and nuclear photonics at high fields. [Conference Hall]	**Section 2. Ultrafast phenomena in condensed matter and ionized gases [Hall of Columns]**	**Section 5. Femtosecond laser photobiology and photochemistry. [Conference Hall of Quantum Radio Physics Division]**	**Section 6. Physics and technology of ultrashort laser pulses and innovative femtosecond laser technology. [Physical Hall]**
	Session chair: B.Hegelich	**Session chair: M.Garcia**	**Session chair:**	**Session chair:**
11:15 - 11:30	**T. Ozaki** High-field effects in autoionizing states – high-order harmonics and the four-step model	**E. Perlin** Nonlinear Absorption of Femtosecond Light Pulses Under Conditions of Multiphoton Resonances in Bulk Crystals and Nanostructures	**H.Lemmetyinen** Photoinduced electron transfer via exciplex formation in diazaporphyrin-porphyrin and porphyrin-pyrene dyads	**E. Khazanov,** Compression after Compressor Approach (CafCA)
11:30 - 11:45				
11:45 - 12:00	**A. Brantov** Thz and gamma-ray generation from laser-plasma interaction	**V. Zhukov** Peculiarities of Interaction of Doughnut-Shaped Laser Pulses with Transparent Materials	**A.Douhal** Deciphering the ultrafast dynamics in perovskite/QDs hybrid films	**Ö.Ilday** Nonlinear thermodynamics perspective of mode-locking
12:00 - 12:15				

12:15 - 12:30	**A. Fedotov** Longitudinal field generation and ion acceleration in undercritical plasmas enhanced by radiation friction	**I. Pavlichenko** Nanograting Structures in Transparent Dielectric At the Nonlinear Stage of Plasma-Resonance Instability	**N.Tkachenko** Photoinduced charge separation at organicsemiconductor interface	**I.Yakovlev** Stretchers and compressors of chirped pulses – key elements of ultra-high-power laser complexes
12:30 - 12:45				
12:45 - 13:00	**S.Chaurasia** TBA	**R. Stoian** Volume Nanostructuring with Spatio-Temporally Sculpted Laser Pulses	**E.Glebov** Photophysics and Photochemistry of Platinum Group Metals Complexes	**V. Molchanov** High-resolution acousto-optic ultrafast pulse shaping
13:00 - 13:15	**N.Naumova** TBA		**A.Mereshchenko** Exited-State Dynamics Of [Cucl4]2- And [Cubr4]2- Complexes In Solution	
13:15 - 13:30	**V. Kulagin** Intense Terahertz and Infrared Radiation from Laser Pulse Interaction with Mass-Limited and Gas Targets		**V.Mikhailova** The Effect Of Solvent Relaxation Time Constants On Free Energy Gap Law For Ultrafast Charge Recombination Following Photoinduced Charge Separation	
13:30-15:00	**Lunch**			
	Session chair: V.Bychenkov	**Session chair: E.Perlin**	**Session chair:**	**Session chair:**
15:00 - 15:15	**I. Tsymbalov** Electrons ejection and acceleration in plasma waves in the relativistic laser-plasma of solid targets	**M. Garcia** Nonthermal Phase Transitions in Silicon and Antimony: Scaling Up Ab-Initio Atomistic Simulations	**E.Vauthey** Ultrafast photoinduced symmetry-breaking charge transfer	**V. Chvykov** Several Technological Approaches for New Generation of Ultra-High Peak and Average Power

15:15 - 15:30	**O.Vais** Laser pulse diagnostics via direct particle acceleration			Ti:Sapphire Laser Systems.
15:30 - 15:45	**E. Efimenko** Particle trajectories in a pinch regime produced by a petawatt level e-dipole wave	**Ö. Ilday** Ablation-Cooled Material Removal with Ultrafast Bursts of Pulses	**P.Sherin** Molecular UV-filters of the human eye lens: the diversity of the ultrafast mechanisms of the excited state deactivation	**M. Smrz** kW-class sub-1-picosecond lasers followed by efficient UV and mid-IR frequency conversion for laser-matter interaction research
15:45 - 16:00	**I. Metelski** Harmonic generation in inhomogeneous relativistic plasma			
16:00 - 16:15	**A. Bashinov** QED cascade with multipetawatt-class lasers: a road to attosecond-scale highly directed GeV gamma-ray sources	**C. Liberatore** Large Beam Effect in Structuring of Si Surface with Ultrashort Laser Pulse	**D.Poydashev** Ultrafast Dynamics Induced By Femtosecond Laser Radiation In Mixed Molecular Clusters	**F. Potemkin** Recent progress in mid-IR(4-5 μm) solid-state femtosecond amplifiers based on Fe2+:ZnSe optically pumped by 3-μm laser
16:15 - 16:30		**E. Migal** Wavelength Scaling of Deposited Energy Density Under Femtosecond Microstructuring in Bulk Fused Silica	**A.Shushakov** Primary Processes In Photophysics And Photochemistry Of Diazide Pt(Iv) Complexes Prospective For Anti-Cancer Photodynamic Therapy	
16:30 - 16:45			**R.Pishchalnikov** Temperature Dependence Of The Water Oh-Stretch Band In The Off-Resonant Raman Spectroscopy: A Computational Approach	**I. Mukhin,** Generation of high intensity few-cycle femtosecond pulses from high power picosecond laser

16:45 - 17:00			**R.Pishchalnikov** Energy Transfer And Trapping In Photosystem I From Arthrospira Platensis	**V. Morozov,** High-peak-power diode-pumped picoseconds lasers
17:00-17:30	**Coffee Break**			
17:30 - 17:45			**I.Pozdnyakov** Ultrafast Processes In Photophysics Of Natural Fulvic Acids	**M. Gorbunkov** Towards chaotric generators of ultrashort light pulses
17:45 - 18:00			**T.Mikhailova** Dynamic Solvent Effect And Ultrafast Charge Recombination In Excited Donor-Acceptor Complexes	**S. Filatova** Time and spectral pulse dynamics of a 2-μm hybrid laser during the amplification by holmium-doped fiber amplifier
18:00 - 18:15			**I.Yermolenko** One-Dimensional Optimization Of The Calculationof The Probability Of Electron Transitions Taking Into Account One High-Frequency Vibrational Mode	**N. Dyachkov** Energy density in a collapsing electromagnetic wave.
18:15 - 18:30				**A. Lyubimov** Dielectric diffraction gratings for laser pulse compression
18:30 - 18:45				**E.Ivanova** Subpicosecond X-ray laser at l= 41.8 nm in a plasma formed by the

				interaction of a femtosecond pump laser with a xenon cluster jet.
18:45 - 19:00				**A. Okhrimchuk** The deformation wave as a factor that controls direct laser writing.



1. Passport checkpoint

2. Main Building
Registration (Main Hall)
Physical Hall (1st floor)
Conference Hal (3rd floor)
Hall of Columns (3rd floor)
Theoretical Hall (1st floor, right wing)

3. Quantum Radio Physics Division
Conference Hall (3rd floor, central part)
Main canteen (1st floor, left wing)